IRICC Transportation Framework
Route Core Data
DRAFT

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The following lists the agreed upon set of core data necessary for the Transportation Framework project.

These elements were developed consensus from the partners. Core data is data common to all participating agency datasets. Core data may not include all common data, but relative to broad scale needs.

Data Elements:

1. File Header Information: **Required values are in bold type.**
This information pertains to all information being submitted.

ORIGINATION_DATE - Date the file or information is submitted. Type: Date.
VALIDATION_DATE - Date the data is current. Type: Date.
PROJECTION - The name of the projection which the line work was developed in. Type: Alpha. Size: 50.
COORDINATE_SYSTEM - The coordinate system the line work was developed in. Type: Alpha. Size: 50.
DATUM - The geographic Datum the line work was developed in. Type: Alpha. Size: 50.

2. Feature Attributes:
This information pertains to a specific data element or record being submitted. Each record will have a different set of data.

Road Location Information
FRAMEWORK_ID - A system generated unique permanent identifier. As records are submitted to the Framework Clearinghouse each record will be assigned a unique ID. This ID may then be used and tracked by participants in sharing data across ownerships. Type: Integer. Size: 7 characters

LOCAL_ID - The unique ID which the contributing agency has assigned to the feature. Type Alpha. Size: 50 characters.

STATE - Code for State where the road is located. FIPS codes will be used. Type: Alpha. Size: 2 characters.

COUNTY - County FIPS code for feature location. FIPS codes will be used. Type: Alpha. Size: 3 characters.

Metadata Information

Feature source code - The compilation map or image source used when adding or updating transportation data.

These codes can be found in the associated lookup table listed in Section 4 - Appendix.

Feature source date - The compilation map or image source date used for the addition or update of transportation data.

Example: 19990515 (CCYYMMDD = May 15, 1999)

Feature source scale number - Describes the scale denominator of the map or image source for the transportation data additions or updates in the database. Exact scale can be input. The density of transportation features displayed will vary by the base map scale.

Example: 24000

Feature accuracy code - Describes the positional accuracy of the transportation data being added or updated in the database. Describes the correctness of the measurement. Use actual value eg. .001; 3; 100. All units are entered in meters.

Road Specific Attributes

NAME - Road name(s) which have been assigned. Note: either NAME or Road_NUMBER is required. If unkown then OWNER must be filled in as unknown. Type: Alpha. Size: 99 characters.

ALTERNATE _NAME - List of all other known names. Type: Alpha. Size: 99 characters.

PREFIX - Directional indication code (i.e NE). Type: Alpha. Size: 2 characters.

SUFFIX - Directional indication code (i.e NE). Type: Alpha. Size: 2 characters.

ROAD_NUMBER - Road numbers(s) which have been assigned. Note: either NAME or Road_NUMBER is required. If unkown then OWNER must be filled in as unknown. Type: Alpha. Size: 99 characters.

ALTERNATE_ROAD - List of all other known road numbers. Type: Alpha. Size: 99 characters.

MEASURE_METHOD - Date and comment type description of how the FROM and TO measures were generated (ex. Odometer). Type: Alpha. Size: 50.

FROM_MP - The FROM milepost where the road segment value starts. Type: Real. Size: 999.99

TO_MP - The TO milepost where the road segment value ends. Type: Real. Size: 999.99

FROM_ARM - The FROM milepost where the field measured Accumulated Route Mile (ARM) value starts. Type: Real. Size: 999.99

TO_ARM - The TO milepost where the field measured Accumulated Route Mile (ARM) value ends. Type: Real. Size: 999.99

DIRECTION - The direction of the inventory (increasing or decreasing) for dual lane roads. Type: Alpha. Size: 10.

RT_FROM_ADD - Lowest street address on the right side in direction of increasing addresses. Type: Alpha. Size: 6.

LF_FROM_ADD - Lowest street address on the left side in direction of increasing addresses. Type: Alpha. Size: 6.

RT_TO_ADD - Highest street address on the right side in direction of increasing addresses. Type: Alpha. Size: 6.

LF_TO_ADD - Highest street address on the left side in direction of increasing addresses. Type: Alpha. Size: 6.

LZIP_CODE - Postal zip code on left side of feature in direction of increasing addresses. Type: Alpha. Size: 10 characters.

RZIP_CODE - Postal zip code on Right side of feature in direction of increasing addresses. Type: Alpha. Size: 10 characters.

OWNED - Jurisdictional level of owner of facility (see code list) (i.e. Federal). Type: Alpha. Size: 1

OWNER - Jurisdictional classification or name of facility owner (see code list) (i.e. Forest Service). Type: Alpha. Size: 35 characters.

MANAGED - Jurisdictional level of manager of facility (see code list) (i.e. Federal). Type: Alpha. Size: 1

MANAGER - Jurisdictional classification or name of facility manager (see code list) (i.e. Forest Service). Type: Alpha. Size: 35 characters.

FUNCCLS - Functional classification (i.e. Interstate). This includes railroad and utility pipelines. Type: Alpha. Size: 35 characters.

FUNCTYP - Functional type (i.e. U=Urban). Type: Alpha. Size: 1 character.

SOURCE - Jurisdictional level at which data originates (see code list) (i.e. Federal). Type: Alpha. Size: 1

SOURCE_AG - Jurisdictional classification or name of agency that submits the data (see code list) (i.e. Forest Service). Type: Alpha. Size: 35 characters.

STATUS - Code for the management of the road. (Ex. R=Retired, O=Operating, P=Proposed). Type: Alpha. Size: 1

SURFACE_TYPE - The code showing surface type of the feature. (Ex. H=Hard Surface, G=Gravel, D=Dirt). Type: Alpha. Size: 1.